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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/944,788	08/31/2001	Alfonso De Jesus Valdes	10454-022001/P-4190-4	1821
52197 7590 11/15/2007 PATTERSON & SHERIDAN, LLP SRI INTERNATIONAL 595 SHREWSBURY AVENUE SUITE 100 SHREWSBURY, NJ 07702			EXAMINER SHERR, CRISTINA O	
			ART UNIT 3621	PAPER NUMBER
			MAIL DATE 11/15/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/944,788

Applicant(s)

VALDES ET AL.

Examiner

Cristina Owen Sherr

Art Unit

3621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 August 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) 3-6, 9-12, 15-19, 22-23, 26-27, 30 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 7, 8, 13, 14, 20, 21, 24, 25, 28 and 29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This communication is in response to applicants' amendment filed August 27, 2007. Claims 1, 2, 7, 8, 13, 14, 20, 21, 24, 25, 28 and 29 are currently under examination. Claims 1-30 are currently pending in this case.

Response to Arguments

2. Applicant's arguments with respect to claims of claims 1, 2, 7, 8, 13, 14, 20, 21, 24, 25, 28 and 29 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 2, 7, 8, 13, 14, 20, 21, 24, 25, 28 and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Purtell et al (US 6,950,947) in view of Timm (US 5,440,598).

5. Regarding claim 1 –

Purtell discloses an intrusion detection system that includes a plurality of sensors that generate alerts when attacks or anomalous incidents are detected, a method for organizing alerts into alert classes, both the alerts and alert classes having a plurality of features, the method comprising the steps of:

(a) receiving a new alert (e.g. col 5 ln 30 – col 7 ln 17);

Timm discloses, as Purtell does not, (b) identifying a set of potentially similar features shared by the new alert and one or more existing alert classes ;

(c) updating a minimum similarity requirement for one or more features;

(d) updating a similarity expectation for one or more features;

(e) comparing the new alert with one or more alert classes, and either:

(f1) associating the new alert with the existing alert class that the new alert most closely matches; or

(f2) defining a new alert class that is associated with the new alert. (abs, col 1 ln 60 – col 2 ln 30).

6. It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Purtell et al by the teaching of Timm because it provides that ability to compare the effectiveness of any security element or group of elements of the security system with another element or group of elements. Not only does this method reveal the less effective security elements of a system, but also it can be employed to evaluate whether proposed additions to a security system would enhance protection of the facility and, if so, by how much.

7. Regarding claim 2 -

Purtell discloses the step (a1) of passing each existing alert class through a transition model to generate a new prior belief state for each alert class. (e.g. col 5 ln 29 – col 7 ln 17).

8. Regarding claims 7, 8, 13, 14, 20, 21, 24, 25, 28 and 29

Claims 7, 8, 13, 14, 20, 21, 24, 25, 28 and 29 are rejected under the same criteria as above.

9. Examiner's note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may be applied as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention as well as the context of the passage as taught by the prior art or disclosed by the examiner.

Conclusion

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cristina Owen Sherr whose telephone number is 571-272-6711. The examiner can normally be reached on 8:30-5:00 Monday through Friday.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew J. Fischer can be reached on 571-272-6779. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

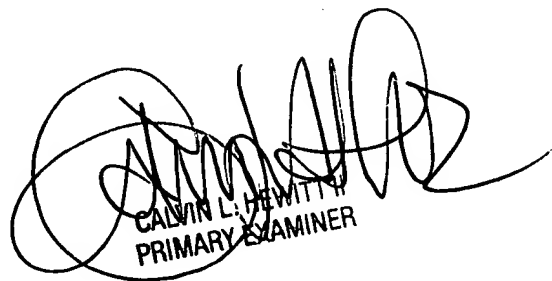
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Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Cristina Owen Sherr
Patent Examiner, AU 3621



CALVIN L. HEWITT
PRIMARY EXAMINER